

# U.S. DOE - Office of International Science and Technology Cooperation

## All Multilateral Implementing Agreements

ID	Start Date	End Date	Status	Legally Binding	Subject	Brief Description
<b>Aegis: IEA</b>						
10000	11/20/1975		In Force	<input checked="" type="checkbox"/>	Fossil Energy	IEA Coal Research
Title: <i>Implementing Agreement for the Establishment of an IEA Clean Coal Center</i>						
Comment: Energy Technology Information Centers						
10001	12/20/1976	12/31/2003	In Force	<input checked="" type="checkbox"/>	Energy Efficiency and Renewable Energy	Renewable Energy Strategies (design know-how and technologies)
Title: <i>Implementing Agreement for the Establishment of a Program on Solar Heating and Cooling</i>						
Comment:						
10002	3/16/1977	12/14/2003	In Force	<input checked="" type="checkbox"/>	Energy Efficiency and Renewable Energy	Efficient Energy and end-use technologies
Title: <i>Implementing Agreement for the Establishment of a Project on Energy Conservation in Combustion</i>						
Comment: DOE is the Operating Agent						
10003	3/16/1977	6/30/2012	In Force	<input checked="" type="checkbox"/>	Energy Efficiency and Renewable Energy	IEA - Buildings and Community Systems
Title: <i>Implementing Agreement for the Establishment of a Project on Energy Conservation in Buildings and Community Systems</i>						
Comment:						
10004	6/28/1977	4/30/1997	Completed	<input checked="" type="checkbox"/>	Energy Efficiency and Renewable Energy	Heat Transfer and Heat Exchanges
Title: <i>Implementing Agreement for the Establishment of a Project on Heat Transfer and Heat Exchangers</i>						
Comment: DOE's involvement in the agreement ended in 1996. Agreement runs until June 27, 2001						
10005	10/6/1977		Completed	<input checked="" type="checkbox"/>	Fusion Energy	Superconducting Magnets
Title: <i>Implementing Agreement for the Establishment of a Project on Superconducting Magnets for Fusion Power</i>						
Comment:						
10006	10/6/1977		In Force	<input checked="" type="checkbox"/>	Energy Efficiency and Renewable Energy	IEA- Hydrogen
Title: <i>Implementing Agreement for the Establishment of a Project on Hydrogen</i>						
Comment:						

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10007	10/6/1977	12/30/2002	In Force	<input checked="" type="checkbox"/>	Fusion Energy	Plasma Wall Interaction in TEXTOR
<i>Title: Implementing Agreement for a Programme of Research and Development on Plasma Wall Interaction in Textor</i>						
Comment:						
10008	7/27/1978		In Force	<input checked="" type="checkbox"/>	Energy Efficiency and Renewable Energy	Heat Pumping Technologies
<i>Title: Implementing Agreement for a Programme of Research and Development on Advanced Heat Pump Systems</i>						
Comment:						
10009	2/21/1979	12/30/1998	Completed	<input checked="" type="checkbox"/>	Energy Efficiency and Renewable Energy	Energy Storage
<i>Title: Implementing Agreement for the Establishment of a Project on Energy Storage</i>						
Comment: DOE involvement ended in 1998. Implementing agreement is still in force. Under the energy end-use technologies working group.						
10010	3/25/1979	6/30/2001	In Force	<input checked="" type="checkbox"/>	Fossil Energy	Coal Combustion Sciences
<i>Title: Implementing Agreement for the Establishment of a Project on Coal Combustion Sciences</i>						
Comment:						
10011	5/22/1979		In Force	<input checked="" type="checkbox"/>	Energy Efficiency and Renewable Energy	High Temperature Materials
<i>Title: Implementing Agreement for the Establishment of a Project on High Temperature Materials</i>						
Comment: Efficient Energy End-Use Technologies Working Group						
10012	5/22/1979	12/4/1999	Completed	<input checked="" type="checkbox"/>	Fossil Energy	Implementing Agreement for the Establishment of a Project on Enhanced Oil Recovery
<i>Title: Implementing Agreement for the Establishment of a Project on Enhanced Oil Recovery</i>						
Comment: Fossil Fuel Technologies working group.						
10013	10/21/1980		Pending	<input checked="" type="checkbox"/>	Fusion Energy	Fusion Materials
<i>Title: Implementing Agreement for the Establishment of a Project on Fusion Materials</i>						
Comment:						
10014	2/18/1981	1/1/2002	In Force	<input checked="" type="checkbox"/>	Energy Efficiency and Renewable Energy	Pulp and Paper
<i>Title: Implementing Agreement for the Establishment of a Project on Pulp and Paper</i>						
Comment: Efficient Energy end-use technologies						
10015	2/15/1985	8/31/2001	In Force	<input checked="" type="checkbox"/>	Energy Efficiency and Renewable Energy	Advanced Motor Fuels
<i>Title: Implementing Agreement for the Establishment of a Project on Alternative Motor Fuels</i>						
Comment: Efficient energy end-use technologies working group						

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10016	7/31/1985	7/30/2000	In Force	<input checked="" type="checkbox"/>	Fusion Energy	Stellarator Research
Title: <i>Implementing Agreement for Cooperation in Development of the Stellarator Concept</i>						
Comment: Fusion Power						
10017	7/31/1985	7/30/2000	In Force	<input checked="" type="checkbox"/>	Fusion Energy	Toroidal Physics and Plasma Technologies
Title: <i>Implementing Agreement for the Establishment of a Project on Toroidal Physics in and Plasma Technologies of Tokamaks</i>						
Comment: Fusion Power						
10018	1/15/1986	1/14/2001	In Force	<input checked="" type="checkbox"/>	Fusion Energy	Three Large Tokamak Facilities
Title: <i>Implementing Agreement for the Establishment of a Project on Three Large Tokamak Facilities</i>						
Comment: Fusion Power						
10019	1/26/1987	9/30/2003	In Force	<input checked="" type="checkbox"/>	Information and/or Personnel Exchange	Energy Technology Data Exchange (ETDE)
Title: <i>Implementing Agreement for the Establishment of the IEA Energy Technology Data Exchange</i>						
Comment: Office of Scientific and Technical Information (OSTI) is the operating agent.						
10020	3/16/1987	3/15/2003	In Force	<input checked="" type="checkbox"/>	Fossil Energy	Multiphase Flow Sciences
Title: <i>Implementing Agreement for the Establishment of a Project on Multiphase Flow Sciences</i>						
Comment: Fossil Fuel Technologies						
10021	3/18/1988		In Force	<input checked="" type="checkbox"/>	Information and/or Personnel Exchange	Energy and Environmental Technology Information Centers (EETIC)
Title: <i>Implementing Agreement to Establish and Operate IEA Information Centres for the Analysis and Dissemination of Demonstrated Energy Technologies</i>						
Comment: Information Centers						
10022	4/3/1990	4/2/2000	Pending	<input checked="" type="checkbox"/>	Fusion Energy	Reversed Field Pinches
Title: <i>Implementing Agreement for the Establishment of a Project on Reversed Field Pinches</i>						
Comment: Fusion Power						
10023	8/1/1990	10/1/1998	Completed	<input checked="" type="checkbox"/>	Energy Efficiency and Renewable Energy	Superconductivity
Title: <i>Implementing Agreement for the Establishment of a Project on High-Temperature Superconductivity</i>						
Comment: To access the impact of high temperature superconductivity of the electric power sector.						
10025	10/21/1991	10/31/2003	Pending	<input checked="" type="checkbox"/>	Energy Efficiency and Renewable Energy	Wind Turbine Systems
Title: <i>Implementing Agreement for Cooperation in the Research and Development of Wind Turbine Systems</i>						
Comment: Renewable Energy Technologies						

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10026	11/12/1991	12/31/2001	In Force	<input checked="" type="checkbox"/>	Energy Efficiency and Renewable Energy	SolarPACES
<b>Title: Implementing Agreement for the Establishment of a Project on Solar Power and Chemical Energy Systems</b>						
<b>Comment:</b>						
10027	11/20/1991	11/20/2001	In Force	<input checked="" type="checkbox"/>	Fossil Energy	Greenhouse Gases R&D
<b>Title: Implementing Agreement for a Co-operative Programme on Technologies Relating to Greenhouse Gases Derived from Fossil Fuel Uses</b>						
<b>Comment:</b>						
10028	7/6/1992	7/5/2002	In Force	<input checked="" type="checkbox"/>	Fusion Energy	Safety of Fusion Power
<b>Title: Implementing Agreement on a Co-operative Programme on Environmental, Safety and Economic Aspects of Fusion Power</b>						
<b>Comment:</b>						
10031	8/11/1993	8/11/2003	In Force	<input checked="" type="checkbox"/>	Energy Efficiency and Renewable Energy	Photovoltaic Power Systems
<b>Title: Implementing Agreement for a Co-operative Programme on Photovoltaic Power Systems</b>						
<b>Comment:</b> The mission of the IEA PVPS program is to enhance the international collaboration efforts through which photovoltaic solar energy becomes a significant renewable energy option in the near future.						
10032	9/28/1993	9/27/2003	In Force	<input checked="" type="checkbox"/>	Energy Efficiency and Renewable Energy	Demand Side Management
<b>Title: Implementing Agreement for Co-operation on Technologies and Programmes for Demand Side Management</b>						
<b>Comment:</b> Efficient Energy End-use Technologies						
10033	5/17/1994	5/1/2002	In Force	<input checked="" type="checkbox"/>	Energy Efficiency and Renewable Energy	District Heating and Cooling
<b>Title: Implementing Agreement for the Establishment of a Project on District Heating and Cooling</b>						
<b>Comment:</b> Efficient Energy End-Use Technologies						
10034	6/13/1994	6/12/1999	Expired	<input checked="" type="checkbox"/>	Fusion Energy	Nuclear Technology of Fusion Reactors
<b>Title: Implementing Agreement on a Co-operative Programme on Nuclear Technology of Fusion Reactors</b>						
<b>Comment:</b>						
10035	7/12/1994	11/17/2004	Pending	<input checked="" type="checkbox"/>	Energy Efficiency and Renewable Energy	Hybrid and Electric Vehicles
<b>Title: Implementing Agreement for the Establishment of a Project on Hybrid and Electric Vehicles</b>						
<b>Comment:</b> Efficient Energy End-Use Technologies						
10036	1/26/1995	4/4/2000	In Force	<input checked="" type="checkbox"/>	Fossil Energy	International Center for Gas Technology Information
<b>Title: Implementing Agreement for the Establishment of an International Center for Gas Technology Information</b>						
<b>Comment:</b> Energy Technology Information Centers						

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10037	5/11/1995	12/31/1998	In Force	<input checked="" type="checkbox"/>	Energy Efficiency and Renewable Energy	Advanced Fuel Cells
Title: <i>Implementing Agreement for a Program of Research, Development, and Demonstration on Advanced Fuel Cells</i>						
Comment:						
10038	1/1/1996	6/30/1999	Expired	<input checked="" type="checkbox"/>	*Other - Systems Analysis	
Title: <i>Implementing Agreement for a Programme of Energy Technology Systems Analysis</i>						
Comment:						
10039	3/7/1997	3/31/2002	In Force	<input checked="" type="checkbox"/>	Energy Efficiency and Renewable Energy	Geothermal
Title: <i>Implementing Agreement for the Establishment of a Project on Geothermal</i>						
Comment: Renewable Energy Technologies						
Aegis: <u>NEA</u>						
10024	9/16/1991	5/8/1997	Expired	<input type="checkbox"/>	Information and/or Personnel Exchange	Exchange of nuclear data and related information and computer packages pertinent to civilian nuclear science and technology collected by NEA-DB, NNDC, ESTSC, EPIC
Title: <i>Cooperative Arrangement between the United States Department of Energy and the Nuclear Energy Agency of the OECD in the Field of Nuclear Data and Computer Programs</i>						
Comment:						
Aegis: <u>None</u>						
10029	7/21/1992	7/22/1999	Completed	<input checked="" type="checkbox"/>	Fusion Energy	ITER
Title: <i>Agreement among the European Atomic Energy Community, Japan, the Russian Federation, and the United States on Cooperation in the Engineering Design Activities for the International Thermonuclear Experimental Reactor (ITER)</i>						
Comment: None, European Union, Japan and Russia (set Aegis to None) - currently file # 308						
10030	9/24/1992	9/24/1997	Expired	<input checked="" type="checkbox"/>	Information and/or Personnel Exchange	Exchange of technical data
Title: <i>Memorandum of Understanding Among the National Board for Industrial and Technical Development of Sweden, The Royal Ministry of Petroleum and Energy of Norway, the Ministry of Trade and Industry of Finland, the Danish Energy Agency, and the Department of Energy of the United States of America</i>						
Comment:						
10040	12/4/1997	3/31/2002	In Force	<input type="checkbox"/>	Fossil Energy	CO2 Sequestration
Title: <i>Project Agreement for International Collaboration on CO2 Ocean Sequestration</i>						
Comment:						

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10041	12/8/1997	12/8/2017	In Force	<input checked="" type="checkbox"/>	Science and Technology	CERN - LHC Agreement

**Title:** *International Co-operation Agreement between the European Organization for Nuclear Research (CERN) and the Department of Energy of the United States of America and the National Science Foundation of the United States of America Concerning Scientific and Technical Co-operation on large Hadron Collider Activities*

**Comment:**